

# PortalToolsCopletManagement

## PortalToolsCopletManagement

The Coplet-Management-Plugin provides functions to modify the Layout of the portal. One function provided by the plugin is a skin-selector and the other modifies the layout itself. The Tabs, Columns, Rows and Coplets can be moved, created deleted or configured.

### Components

#### XMLProfileGenerator + [CreateIndex.xsl](#)

The XMLP'rofileGenerator *generates a basic XML-Representation of the portal-layout*. The [CreateIndex.xsl](#) stylesheet adds unique id's to every element. With a layout-stylesheet it is used to display a reduced representaion of the original portal to the user (the portal without content).

#### Sample

Flow:

```
function showXml() {
    var toolManager = getPTM();
    var portalObjects = toolManager.getPortalObjects();
    var portalLayout = portalObjects.getPortalLayout();
    cocoon.sendPage("layoutProfile",
                    {"layout" : portalLayout });
    toolManager.releasePortalObjects(portalObjects);
    relPTM(toolManager);
}
```

Sitemap:

```
<map:match pattern="layoutProfile">
  <map:generate type="xmlprofile"/>
  <map:transform src="styles/createIndex.xsl"/>
  <map:serialize type="xml"/>
</map:match>
```

Result:

```

<composite-layout name="tab" id="maintab">
    <named-item id="1.1" name="Main">
        <coplet-layout id="Portal-Demo-1" name="coplet">
<coplet-instance-data id="1.1.1.1">Portal-Demo-1</coplet-instance-data>
</coplet-layout>
</named-item>
        <named-item id="1.2" name="News">
            <composite-layout id="1.2.1" name="column">
<parameter name="border" value="0"/>
<parameter name="border-color" value="#225599"/>
                <item id="1.2.1.1">
<parameter name="width" value="50%"/>
                    <composite-layout id="1.2.1.1.1" name="row">
<parameter name="border" value="0"/>
<parameter name="border-color" value="#AACCFF"/>
                        <item id="1.2.1.1.1.1">
                            <coplet-layout id="Newsweek-1" name="coplet">
<parameter name="border" value="0"/>
<parameter name="border-color" value="#AA0000"/>
<coplet-instance-data id="1.2.1.1.1.1.1">Newsweek-1</coplet-instance-data>
</coplet-layout>
                        </item>
                            <item id="1.2.1.1.1.2">
                                <coplet-layout id="NYTBusiness-1" name="coplet">
<parameter name="border" value="0"/>
                                </coplet-layout>
                            </item>
                        </item>
                    </composite-layout>
                </item>
            </composite-layout>
        </named-item>
    </named-item>
</composite-layout>
...

```

## LayoutActions

L\_LayoutActions is a class which has some basic methods to modify the portal layout. More information is available in the javadoc or in the source itself.

### Usage Example

Flow:

```

function showTab(showId) {
    var toolManager = getPTM();
    // get the other objects
    var layoutActions = new Packages.org.apache.cocoon.portal.tools.copletManagement.LayoutActions(
        portalLayout,
        componentManager.getLayoutFactory(),
        componentManager.getCopletFactory(),
        profileManager);
    var id = cocoon.request.id;
    var action = cocoon.request.action;
    var actionitem = cocoon.request.actionitem;
    if(action == "addCol") {
        layoutActions.add(actionitem, "column");
    }
    cocoon.sendPage("page/showTab/" + id, {"layout" : portalLayout });
    toolManager.releasePortalObjects(portalObjects);
    relPTM(toolManager);
}

```